Course Title and Number: MATH 110 COLLEGE ALGEBRA

Department: MATHEMATICAL SCIENCES  Semester Hours: 3

Course Description: Algebraic and exponential functions, basic linear algebra. Requires skills and knowledge of intermediate algebra and plane geometry.

Credit: Three semester hours. Does not count for credit toward the major or minor in mathematical sciences. Not open for credit to students having credit in Math 155 or MATH 211 or MATH 229. Not used in major or minor GPA calculation for mathematical sciences majors or minors.

Prerequisites: KCMA 098 with a grade of C or better, or MATH 109 with a grade of C or better, or previous credit in MATH110, or satisfactory performance on the Mathematics Placement Examination.

Course Objectives: This course is designed to provide students with fundamental knowledge of algebra, such as linear equations, circles, quadratics, inequalities, polynomials, exponential and logarithmic functions in preparation for Math 155 (and later, Math 229), Math 206, Math 210, and Math 211. Students will develop mathematical reasoning and an ability to solve problems.

Text: College Algebra by Sullivan; 9th edition (Prentice Hall, 2012), bundled with the student study guide, review material, and MyLab Student access code. The bundle is required.

Calculators: A scientific, non-graphing, non text-capable calculator is permitted and recommended. All other calculators are not allowed.

Academic Misconduct: Academic honesty and mutual respect (student with student and instructor with student) are expected in this course. Mutual respect means being on time for class and not leaving early, being prepared to give full attention to class work, not reading newspapers or other material in class, not using cell phones or pagers during class time, and not looking at another student’s work during exams or quizzes. Academic misconduct, as defined by the Student Code of Conduct, will not be treated lightly.

Disabilities: NIU abides by Section 504 of the Rehabilitation Act of 1973 which mandates reasonable accommodations be provided for qualified students with disabilities. If you have a disability and may require some type of instructional and/or examination accommodation, you will need to register with Disability Resource Center, the designated office on campus to provide services and administer exams with accommodations for students with disabilities. The DRC office is located on the 4th floor of the University Health Services building (815 753-1303). Please contact your instructor early in the semester so that we can provide or facilitate in providing accommodations you may need.